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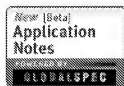
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IEEE CONF	IEEE Conference Proceeding
IET CONF	IET Conference Proceeding
IEEE STD	IEEE Standard

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1. WWW-based high performance computing support of acoustic matched field processing
 Gever, D.H.; Fabozzi, D.J., II;
 OCEANS, 2001. MTS/IEEE Conference and Exhibition
 Volume 4, 5-8 Nov. 2001 Page(s):2541 - 2548 vol.4
 Digital Object Identifier 10.1109/OCEANS.2001.968401
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IEEE/ET journals, transactions, letters, magazines, conference proceedings, and standards.

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1. An analysis of the home PNA collision resolution mechanism
 Kangude, S.; Copeland, J.; Sherman, M.;
 Local Computer Networks, 2003. LCN '03. Proceedings, 28th Annual IEEE International Conferen
 20-24 Oct. 2003 Page(s):250 - 259
 Digital Object Identifier 10.1109/LCN.2003.1243134
[AbstractPlus | Full Text: PDF\(307 KB\)](#) [IEEE CAV](#)
[Rights and Permissions](#)
2. Receiver architectures for HomePNA 2.0
 Bisaglia, P.; Castle, R.J.;
 Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE
 Volume 6, 25-29 Nov. 2001 Page(s):3723 - 3727 vol.6
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1 [Focus on the MultiTech MultiVOIP gateway](#)

Gilbert Held

July 2000 International Journal of Network Management, Volume 10

Issue 4

Publisher: John Wiley & Sons, Inc.

Full text available: pdf(599.69 KB) Additional Information: [full citation](#), [index terms](#)

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2 [Fourth-factor authentication: somebody you know](#)

John Brainard, Ari Juels, Ronald L. Rivest, Michael Szydlo, Moti Yung

October 2006 CCS '06: Proceedings of the 13th ACM conference on

Computer and communications security

Publisher: ACM

Full text available: pdf(372.40 KB) Additional Information: [full citation](#), [abstract](#),
[references](#), [index terms](#)

User authentication in computing systems traditionally depends on three factors: something you have (e.g., a hardware token), something you are (e.g., a fingerprint), and something you know (e.g., a password). In this paper, we explore a fourth factor, ...

Keywords: authentication, hardware tokens, vouchers

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3 [Cryptography as an operating system service: A case study](#)

Angelos D. Keromytis, Jason L. Wright, Theo De Raadt, Matthew Burnside

February 2006 ACM Transactions on Computer Systems (TOCS), Volume

24 Issue 1

Publisher: ACM

Full text available: pdf(669.12 KB) Additional Information: [full citation](#), [abstract](#),
[references](#), [index terms](#),
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Cryptographic transformations are a fundamental building block in many security applications and protocols. To improve performance, several vendors market hardware accelerator cards. However, until now no operating system provided a mechanism that allowed ...

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Keywords: Encryption, authentication, cryptographic protocols, digital signatures, hash functions

4 [Terra: a virtual machine-based platform for trusted computing](#)



Tal Garfinkel, Ben Pfaff, Jim Chow, Mendel Rosenblum, Dan Boneh

October 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating systems principles

Publisher: ACM

Full text available: [pdf\(140.31 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We present a flexible architecture for trusted computing, called Terra, that allows applications with a wide range of security requirements to run simultaneously on commodity hardware. Applications on Terra enjoy the semantics of running on a separate, ...

Keywords: VMM, attestation, authentication, trusted computing, virtual machine, virtual machine monitor

5 [Terra: a virtual machine-based platform for trusted computing](#)



Tal Garfinkel, Ben Pfaff, Jim Chow, Mendel Rosenblum, Dan Boneh

December 2003 ACM SIGOPS Operating Systems Review, Volume 37 Issue 5

Publisher: ACM

Full text available: [pdf\(140.31 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We present a flexible architecture for trusted computing, called Terra, that allows applications with a wide range of security requirements to run simultaneously on commodity hardware. Applications on Terra enjoy the semantics of running on a separate, ...

Keywords: VMM, attestation, authentication, trusted computing, virtual machine, virtual machine monitor

6 [On interdomain routing security and pretty secure BGP \(psBGP\)](#)



P.C. van Oorschot, Tao Wan, Evangelos Kranakis

July 2007 ACM Transactions on Information and System Security (TISSEC), Volume 10 Issue 3


Publisher: ACM


Full text available: [pdf\(469.49 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

It is well known that the Border Gateway Protocol (BGP), the IETF standard interdomain routing protocol, is vulnerable to a variety of attacks, and that a single misconfigured or malicious BGP speaker could result in large-scale service disruption. In ...

Keywords: BGP, authentication, certificates, interdomain routing, public-key infrastructure, secure routing protocols, trust


7 [Making computers disappear: appliance data services](#)

 Andrew C. Huang, Benjamin C. Ling, John Barton, Armando Fox
 July 2001 MobiCom '01: Proceedings of the 7th annual international conference on Mobile computing and networking
 Publisher: ACM

Full text available:  [pdf\(691.57 KB\)](#) Additional Information: full citation, abstract, references, cited by, index terms

Digital appliances designed to simplify everyday tasks are readily available to end consumers. For example, mobile users can retrieve Web content using handheld devices since content retrieval is well-supported by infrastructure services such as transformational ...

8 [Enhancing access to research data: the challenge of crystallography](#)


 Monica Duke, Michael Day, Rachel Heery, Leslie A. Carr, Simon J. Coles
 June 2005 JCDL '05: Proceedings of the 5th ACM/IEEE-CS joint conference on Digital libraries
 Publisher: ACM


Full text available:  [pdf\(381.24 KB\)](#) Additional Information: full citation, abstract, references, index terms

This paper describes an ongoing collaborative effort across digital library and scientific communities in the UK to improve access to research data. A prototype demonstrator service supporting the discovery and retrieval of detailed results of crystallography ...

Keywords: Eprints.org, OAI-PMH, crystallography, dublin core, institutional repositories, metadata, scholarly communication

9 [Personalizable edge services for web accessibility](#)


 Gennaro Iaccarino, Delfina Malandrino, Vittorio Scarano
 May 2006 W4A: Proceedings of the 2006 international cross-disciplinary workshop on Web accessibility (W4A): Building the mobile web: rediscovering accessibility?
 Publisher: ACM

Full text available:  [pdf\(601.30 KB\)](#) Additional Information: full citation, abstract, references, index terms

Web Content Accessibility guidelines by W3C [29] provide several suggestions for Web designers on how to author Web pages in order to make them accessible to everyone. In this context, we are proposing the use of edge services as an efficient and general ...

Keywords: disability, programmable edge servers, universal access, web accessibility

10 [SmartSiren: virus detection and alert for smartphones](#)

 Jerry Cheng, Starsky H.Y. Wong, Hao Yang, Songwu Lu
 June 2007 MobiSys '07: Proceedings of the 5th international conference on Mobile systems, applications and services
 Publisher: ACM

Additional Information: full citation, abstract,

Full text available:  pdf(534.00 KB)[references](#), [index terms](#)

Smartphones have recently become increasingly popular because they provide "all-in-one" convenience by integrating traditional mobile phones with handheld computing devices. However, the flexibility of running third-party softwares also leaves the smartphones ...

Keywords: alert, privacy, security, smartphone, virus detection

11 [Do text transcoders improve usability for disabled users?](#)



Giorgio Brajnik, Daniela Cancila, Daniela Nicoli, Mery Pignatelli
May 2005 W4A '05: Proceedings of the 2005 International Cross-Disciplinary Workshop on Web Accessibility (W4A)

Publisher: ACM

Full text available:  pdf(244.75 KB)

Additional Information: [full citation](#), [abstract](#),
[references](#)

Text transcoders are web-server systems that produce, on the fly, a text-only version of a web page requested by a user of a browser. Although the potential benefits of text transcoders are multifaceted and discussions on appropriateness of text transcoders ...

12 [A secure multicast protocol with copyright protection](#)



Hao-hua Chu, Lintian Qiao, Klara Nahrstedt, Hua Wang, Ritesh Jain
April 2002 ACM SIGCOMM Computer Communication Review, Volume 32
Issue 2

Publisher: ACM

Full text available:  pdf(301.97 KB)

Additional Information: [full citation](#), [abstract](#),
[references](#), [cited by](#), [index terms](#)

We present a simple, efficient, and secure multicast protocol with copyright protection in an open and insecure network environment. There is a wide variety of multimedia applications that can benefit from using our secure multicast protocol, e.g., the ...

Keywords: copyright protection, key distribution, multicast security, watermark

13 [The Tool Daemon Protocol \(TDP\)](#)


Barton Miller, Ana Cortes, Miquel A. Senar, Miron Livny
November 2003 SC '03: Proceedings of the 2003 ACM/IEEE conference on Supercomputing
Publisher: IEEE Computer Society

Full text available:  pdf(809.57 KB)


Additional Information: [full citation](#), [abstract](#),
[references](#), [cited by](#)

Run-time tools are crucial to program development. In our desktop computer environments, we take for granted the availability of tools for operations such as debugging, profiling, tracing, checkpointing, and visualization. When programs move into distributed ...

14 [A survey of autonomic communications](#)

 Simon Dobson, Spyros Denazis, Antonio Fernández, Dominique Gaiñi, Erol Gelenbe, Fabio Massacci, Paddy Nixon, Fabrice Saffre, Nikita Schmidt, Franco Zambonelli
December 2006 ACM Transactions on Autonomous and Adaptive Systems (TAAS). Volume 1 Issue 2


Publisher: ACM

Full text available:  pdf(300.86 KB) Additional Information: [full citation](#), [abstract](#),
[references](#), [index terms](#)

Autonomic communications seek to improve the ability of network and services to cope with unpredicted change, including changes in topology, load, task, the physical and logical characteristics of the networks that can be accessed, and so forth. Broad-ranging ...

Keywords: Autonomic communication

15 [Implementation and experience with the terminal registration system with web interface](#)

 Naomi Fujimura, Zen-ichi Hirayama, Tatsuya Oka, Masato Komori
November 2006 SIGUCCS '06: Proceedings of the 34th annual ACM SIGUCCS conference on User services


Publisher: ACM

Full text available:  pdf(691.49 KB) Additional Information: [full citation](#), [abstract](#),
[references](#), [index terms](#)


The cost of operation and management are growing rapidly in proportion to the increase of the number of network terminals connected to the network. We hope to improve the quality of network service, but it is difficult because of reasons such as manpower ...

Keywords: DHCP, networking, personal computing, static IP address, system configuration, terminal registration, web-based

16 [A mechanism for host mobility management supporting application awareness](#)

 Arjan Peddemors, Hans Zandbelt, Mortaza Bargh
June 2004 MobiSys '04: Proceedings of the 2nd international conference on Mobile systems, applications, and services

Publisher: ACM

Full text available:  pdf(499.49 KB) Additional Information: [full citation](#), [abstract](#),
[references](#), [index terms](#)


Many approaches exist today that address the issues that arise when a mobile node changes its point(s) of attachment to the Internet. Mobile IP takes care of host mobility at the IP layer; others at the transport layer (Mobile SCTP) or at the application ...

Keywords: application awareness, host mobility, mobility management

17 [Satchel: providing access to any document, any time, anywhere](#)

 Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury
September 2000 ACM Transactions on Computer-Human Interaction (TOCHI). Volume 7 Issue 3


Publisher: ACM

Full text available:  pdf(591.29 KB) [Additional Information: full citation, abstract, references, cited by, index terms](#)

Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features ...

Keywords: document access, document appliance, document processing, information appliance, mobile computing, mobile work

18 [The session token protocol for forensics and traceback](#)

 Brian Carrier, Clay Shields

August 2004 ACM Transactions on Information and System Security (TISSEC), Volume 7 Issue 3

Publisher: ACM

Full text available:  pdf(331.18 KB) [Additional Information: full citation, abstract, references, index terms](#)

In this paper we present the Session Token Protocol (STOP), a new protocol that can assist in the forensic analysis of a computer involved in malicious network activity. It has been designed to help automate the process of tracing attackers who log on ...


Keywords: Digital forensics, TCP traceback, auditing and intrusion detection, digital investigations, privacy

19 [Going wireless, enabling an adaptive and extensible environment](#)

Theo G. Kanter

February 2003 Mobile Networks and Applications, Volume 8 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  pdf(483.21 KB) [Additional Information: full citation, abstract, references, index terms](#)

This paper discusses limitations in existing and projected solutions for delivering applications to mobile users (e.g., in 3G) in an increasingly diverse heterogeneous wireless infrastructure in combination with the on-going deregulation of mobile communication ...

Keywords: agents, context, scalability, service, wireless


20 [CrossFlow: integrating workflow management and electronic commerce](#)



Y. Hoffner, H. Ludwig, P. Grefen, K. Aberer

December 2000 ACM SIGecom Exchanges, Volume 2 Issue 1

Publisher: ACM

Full text available:  pdf(79.63 KB) [Additional Information: full citation, abstract, references, cited by, index terms](#)

The CrossFlow architecture provides support for cross-organisational workflow management in dynamically established virtual enterprises. The creation of a business relationship between a service provider

organisation performing a service on behalf of ...

Keywords: contracts, dynamic business process outsourcing, dynamic infrastructure setup, electronic, electronic commerce, workflow management

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21 [Supporting virtual documents in just-in-time hypermedia systems](#)

Ade by Google



Li Zhang, Michael Bieber, David Millard, Vincent Oria

October 2004 DocEng '04: Proceedings of the 2004 ACM symposium on Document engineering

Publisher: ACM

Full text available: [pdf\(797.51 KB\)](#) [Additional Information: full citation, abstract, references, index terms](#)

Many analytical or computational applications especially legacy systems create documents and display screens in response to user queries "dynamically" or in "real time". These "virtual documents" do not exist in advance and thus hypermedia features must ...

Keywords: dynamic hypermedia functionality, dynamic regeneration, integration architecture, just-in-time hypermedia, re-identification, relocation, virtual documents

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22 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 CASCON '97: Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research

Publisher: IBM Press

Full text available: [pdf\(4.21 MB\)](#) [Additional Information: full citation, abstract, references, index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event ...

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23 [Laboratory experiments for network security instruction](#)



José Carlos Brustoloni

December 2006 Journal on Educational Resources in Computing (JERIC). Volume 6 Issue 4

Publisher: ACM

[Additional Information: full citation, abstract,](#)

Full text available:  pdf(131.27 KB)[references](#), [index terms](#)

We describe a sequence of five experiments on network security that cast students successively in the roles of computer user, programmer, and system administrator. Unlike experiments described in several previous papers, these experiments avoid placing ...

Key words: Certificate, IPsec, SSH, SSL, VPN, certifying authority, course, dictionary attack, eavesdropping, education, experiment, fingerprinting, firewall, man-in-the-middle, password, port scanning, security


24 [Challenge: recombinant computing and the speakeasy approach](#)



W. Keith Edwards, Mark W. Newman, Jana Sedivy, Trevor Smith, Shahram Izadi

September 2002 MobiCom '02: Proceedings of the 8th annual international conference on Mobile computing and networking

Publisher: ACM

Full text available:  pdf(297.48 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Interoperability among a group of devices, applications, and services is typically predicated on those entities having some degree of prior knowledge of each another. In general, they must be written to understand the type of thing with which they will ...

Key words: mobile code, recombinant computing, serendipitous interoperability, speakeasy


25 [Protecting browsers from dns rebinding attacks](#)



Collin Jackson, Adam Barth, Andrew Bortz, Weidong Shao, Dan Boneh

October 2007 CCS '07: Proceedings of the 14th ACM conference on Computer and communications security

Publisher: ACM

Full text available:  pdf(1.92 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

DNS rebinding attacks subvert the same-origin policy of browsers and convert them into open network proxies. We survey new DNS rebinding attacks that exploit the interaction between browsers and their plug-ins, such as Flash and Java. These attacks can ...


Key words: click fraud, dns, firewall, same-origin policy, spam

26 [L2imbo: a distributed systems platform for mobile computing](#)

Nigel Davies, Adrian Friday, Stephen P. Wade, Gordon S. Blair

August 1998 Mobile Networks and Applications. Volume 3 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  pdf(403.96 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Mobile computing environments increasingly consist of a range of supporting technologies offering a diverse set of capabilities to

applications and end-systems. Such environments are characterised by sudden and dramatic changes in the quality-of-service ...

27 People-centric urban sensing



Andrew T. Campbell, Shane B. Eisenman, Nicholas D. Lane, Emiliano Miluzzo, Ronald A. Peterson

August 2006 WICON '06: Proceedings of the 2nd annual international workshop on Wireless internet

Publisher: ACM

Full text available: [pdf\(249.73 KB\)](#) Additional Information: full citation, abstract, references, index terms

The vast majority of advances in sensor network research over the last five years have focused on the development of a series of small-scale (100s of nodes) testbeds and specialized applications (e.g., environmental monitoring, etc.) that are built on ...

Key words: mobile wireless sensor networks, people-centric, urban sensing

28 Wireless course management system



Vladimir Zanev, Rodney Clark

March 2005 ACM-SE 43: Proceedings of the 43rd annual Southeast regional conference - Volume 2, Volume 2

Publisher: ACM

Full text available: [pdf\(556.46 KB\)](#) Additional Information: full citation, abstract, references, index terms

Wireless devices, such as smart phones and PDAs, are increasing in popularity due to the advantage of enhanced mobility and availability. In spite of the high increase in the availability of mobile devices, most of the wireless applications are in such ...

Key words: ASP.NET, C# server-side programming, PDAs, WML, development, smart phones, wireless application development, wireless course management system, wireless information access, wireless laptops

29 Core services in the architecture of the national science digital library (NSDL)



Carl Lagoze, William Arms, Stoney Gan, Diane Hillmann, Christopher Ingram, Dean Krafft, Richard Marisa, Jon Phipps, John Saylor, Carol Terrizzi, Walter Hoehn, David Millman, James Allan, Sergio Guzman-Lara, Tom Kalt
July 2002 JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available: [pdf\(340.66 KB\)](#) Additional Information: full citation, abstract, references, cited by, index terms

We describe the core components of the architecture for the National Science Digital Library (NSDL). Over time the NSDL will include heterogeneous users, content, and services. To accommodate this, a

design for a technical and organization infrastructure ...

Key words: architecture, interoperability, metadata, testbeds

30 Mobile media: making it a reality



Fred Kitson

May 2005 Queue, Volume 3 Issue 4

Publisher: ACM

Additional Information: full citation,

Full text available: pdf(528.08 KB) html(31.52 KB)

abstract,
references,
index terms

Two prototype apps reveal the challenges in delivering mobile media services.

31 Middleware Support for Context-Awareness in 4G Environments

Thomas Springer, Kay Kadner, Frank Steuer, Ming Yin

June 2006 WOWMOM '06: Proceedings of the 2006 International

Symposium on on World of Wireless, Mobile and Multimedia Networks

Publisher: IEEE Computer Society

Full text available: pdf(598.72 KB) Additional Information: full citation, abstract,

references, index terms

Context-awareness is a key technology for adaptive software systems. While past and recent research effort investigated the gathering of low-level information, implementation- and domain-driven approaches for context frameworks and conceptual models ...

32 Focus on the Asanté FriendlyNet VR2004 series VPN security router

Gilbert Held

November 2003 International Journal of Network Management, Volume 13 Issue 6

Publisher: John Wiley & Sons, Inc.

Full text available: pdf(233.16 KB) Additional Information: full citation, index terms

33 The transport layer: tutorial and survey



Sami Iren, Paul D. Amer, Phillip T. Conrad

December 1999 ACM Computing Surveys (CSUR), Volume 31 Issue 4

Publisher: ACM

Additional Information: full citation, abstract,

Full text available: pdf(261.79 KB)

references, cited by, index terms

Transport layer protocols provide for end-to-end communication between two or more hosts. This paper presents a tutorial on transport layer concepts and terminology, and a survey of transport layer services and protocols. The transport layer protocol ...

Key words: TCP/IP networks, congestion control, flow control, transport protocol, transport service

34 [Astrolabe: A robust and scalable technology for distributed system monitoring, management, and data mining](#)

Robbert Van Renesse, Kenneth P. Birman, Werner Vogels

May 2003 ACM Transactions on Computer Systems (TOCS), Volume 21

Issue 2

Publisher: ACM

Additional Information: full citation, abstract,

Full text available: [pdf\(341.62 KB\)](#)

references, cited by, index terms

Scalable management and self-organizational capabilities are emerging as central requirements for a generation of large-scale, highly dynamic, distributed applications. We have developed an entirely new distributed information management system called Astrolabe. ...

Key words: Aggregation, epidemic protocols, failure detection, gossip, membership, publish-subscribe, scalability

35 [AwareDAV: a generic WebDAV notification framework and implementation](#)

Henning Qin Jehøj, Niels Olof Bouvin, Kaj Grønbaek

May 2005 WWW '05: Proceedings of the 14th international conference on World Wide Web

Publisher: ACM

Full text available: [pdf\(409.29 KB\)](#)

Additional Information: full citation, abstract,

references, index terms, review

WebDAV needs awareness support in order to be a full-fledged collaboration system. This paper introduces AwareDAV, a new WebDAV extension framework enabling shared awareness through event notification. By extending the WebDAV protocol with seven new ...

Key words: AwareDAV, CSCW, WebDAV, event notification

36 [The value of handhelds in smart environments](#)

Frank Siegemund, Christian Floerkemeier, Harald Vogt

March 2005 Personal and Ubiquitous Computing, Volume 9 Issue 2

Publisher: Springer-Verlag

Full text available: [pdf\(545.45 KB\)](#)

Additional Information: full citation, abstract, references

The severe resource restrictions of computer-augmented everyday artifacts imply substantial problems for the design of applications in smart environments. Some of these problems can be overcome by exploiting the resources, I/O interfaces, and computing ...


Key words: Cooperation, Device integration, Handheld devices, Mobile phones, Smart environments, Smart everyday objects

37

[A composable framework for secure multi-modal access to internet](#)

services from Post-PC devices


Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric A. Brewer
 October 2002 Mobile Networks and Applications, Volume 7 Issue 5
 Publisher: Kluwer Academic Publishers


Full text available:  pdf(340.33 KB) Additional Information: full citation, abstract, references, cited by, index terms, review

The Post-PC revolution is bringing information access to a wide range of devices beyond the desktop, such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehicle telematics. However, existing deployed Internet services ...

Keywords: internet, middleware, post-PC, security, transcoding

38 Role-based access control on the web

 Joon S. Park, Ravi Sandhu, Gail-Joon Ahn
 February 2001 ACM Transactions on Information and System Security (TISSec), Volume 4 Issue 1
 Publisher: ACM

Full text available:  pdf(331.03 KB) Additional Information: full citation, abstract, references, cited by, index terms, review

Current approaches to access control on the Web servers do not scale to enterprise-wide systems because they are mostly based on individual user identities. Hence we were motivated by the need to manage and enforce the strong and efficient RBAC access ...

Keywords: WWW security, cookies, digital certificates, role-based access control


39 Hardware spotlight: working with the Proxim ORiNOCO AP-700


Gilbert Held
 May 2006 International Journal of Network Management, Volume 16 Issue 3
 Publisher: John Wiley & Sons, Inc.

Full text available:  pdf(608.61 KB) Additional Information: full citation, abstract, index terms

Many years ago when Lucent Technologies began to experience Financial difficulties it spun off its commercial wireless products under the Agere Systems umbrella. As part of the evolution of Agere Systems towards a focus on optoelectric components and ...

40 tranSticks: physically manipulatable virtual connections

 Yuji Ayatsuka, Jun Rekimoto
 April 2005 CHI '05: Proceedings of the SIGCHI conference on Human factors in computing systems
 Publisher: ACM

Full text available:  pdf(579.25 KB) Additional Information: full citation, abstract, references, index terms

A virtually connected medium called *tranStick* is described that functions both as a "virtual wire" and as a "memory card" containing a shared space. A user can connect two networked devices by simply placing one of a pair of tranSticks with the ...





Keywords: connection control, tangible user interface

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